

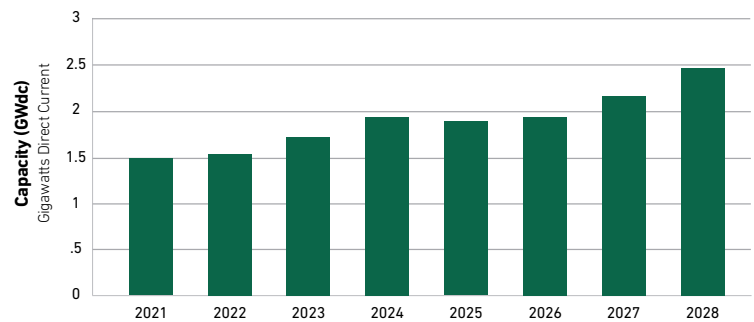
MAKE SURE YOUR COMMERCIAL ROOFTOPS SUPPORT PHOTOVOLTAIC (PV) SYSTEMS

The Shift to Renewable Energy

PV panel installation is part of the U.S. clean energy deployment to drive 100% carbon-pollution-free electricity by 2035, along with wind, nuclear, geothermal and hydropower.¹

The Solar Energy Industries Association (SEIA) projects the commercial solar sector to grow an average of 8% over the next five years.²

U.S. Commercial Solar Installations and Forecast



Source: SEIA/Wood Mackenzie Solar Market Insight Report Q2 2023

THE RISK TO YOUR ROOFING SYSTEMS

- + All electrical systems come with a fire risk. Problems can cause arcs between conductors or the ground, which can ignite nearby flammable material.³
- + Rooftop equipment increases foot traffic and the threat of puncture damage during installation and maintenance.

- + If your newly installed roof and the solar panels don't have the same life span, they may require removal and reinstallation for a reroof. This not only costs your clients more in the long run, but it can also cost you their trust in the durability of your roofing systems.
- + Solar panels add weight to the roof. This damages roofing systems that don't have the compressive strength to handle them.

¹ <https://www.energy.gov/sites/default/files/2023-09/DOE%20-%20100%25%20Clean%20Electricity%20-%20Final.pdf>

² <https://www.trinasolar.com/us/resources/blog/c-and-i-top-trends-of-2024#~:text=A%20Snapshot%20of%20the%20Solar,will%20likely%20experience%20increased%20development>

³ <https://www.energy.gov/eere/solar/consumers-guide-fire-safety-solar-systems>



MITIGATE ROOFING SYSTEM DAMAGE AND INCREASE ROI



HOW DENSDECK® ROOF BOARDS CAN HELP



ENHANCED DURABILITY

DensDeck® Roof Boards have a compressive strength ranging from 900 –1,800 PSI. This helps fight the risk of punctures from heavy foot traffic and dropped tools during maintenance. This means less callbacks for you and more satisfied stakeholders.



FIRE RESISTANCE

DensDeck® Roof Boards are non-combustible per ASTM E136. Their gypsum core and fiberglass mat facers help slow the spread of flames and smoke.



CONSISTENT SUBSTRATE

DensDeck® Roof Boards' gypsum core helps provide a rigid, consistent substrate for attaching PV systems.



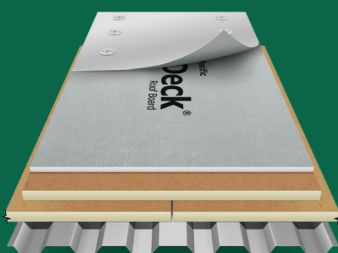
INCREASED LIFE EXPECTANCY

Cover boards extend the life of a roof. 86% of single-ply roofs with a cover board met owner life expectancy compared to only 52% of roofs without a cover board.⁴



IMPROVED ACOUSTICS

Using rigid gypsum cover boards like DensDeck® Roof Boards can help absorb sound, which means occupants hear less noise from maintenance and more.



DensDeck® Roof Boards provide a stable, durable substrate for solar panels and on commercial low-slope rooftops. They can help support safe, efficient PV installation while maximizing the life of your roofing system.

⁴ FMI Roof Cover Board Survey completed in May 2020. Actual results may vary.

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